THE REMARKS

Claims 1-68 were pending prior to entering the amendments.

The Amendments

Independent claims 1, 20, 37, and 53 have been amended. Dependent claims 3, 16-17, 22, 35, 41, 50-52 and 67-68 have been amended. Claim 69-71 are new claims.

No new matter is introduced in any of the above amendments. The examiner is requested to enter the amendment and re-consider the application.

The Response

Claim Objections and Formalities

Miss-numbered claim 41 has been amended to be renumbered to claim 51.

Claims 3, 16-17, 22, 35, 41, 50-52 and 66-68 have been amended to replace the term "includes" or "including" with the term "comprises" or "comprising", respectively.

Claims 67 and 68 have been amended to replace the term "method" with the term "system". The original claims were miss-labeled.

35 U.S.C. §102(e) Rejection

Claim 20 is rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Modelski, et al. (Patent No. U.S. 6,665,755 B2), hereinafter Modelski.

Independent Claim 20

Amended claim 20 recites,

> A system for monitoring the status of data and components during data packet processing, the system comprising:
> a packet processor, wherein the packet processor generates processing data and while revising packet data based on a packet header modification recipe and the status of one or more control structures; and
> a buffer, wherein the buffer records the processing data and the status of the one or more control structures; and
> wherein the control structures comprise parser control structure, QoS priority control structure and statistic control structure.

Modelski does not disclose the functionality of the control structure.

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Modelski teaches that "the packet processing effected by an AM includes identifying the packets and determining what to do with them" (col 7, ln 53-55). This statement can be broadly interpreted as a control structure. However, Molelski does not teach the functionality of a control structure. In contrast, in amended claim 20, the Applicants disclose several control structures comprising a parser control structure (pg.18, ln 19), QoS priority control structure (pg. 37, ln 3-4) and statistic control structure (pg. 43, ln 1). Modelski does describe a system to track statistics, but does not disclose a method to modify or control the same.

35 U.S.C. §103(a) Rejections

Claims 1, 37, and 53 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Modelski in view of Floyd, et al. (Patent No. 7,117,126 B2), hereinafter Floyd.

Independent claims 1, 37, and 53.

Neither Modelski nor Floyd disclose the functionality of the control structure.

Claims 1, 37 and 53 have been amended to include the same element as was added to amended claim 20. Modelski teaches that "the packet processing effected by an AM includes identifying the packets and determining what to do with them" (col 7, ln 53-55). This statement can be broadly interpreted as a control structure. However, neither Molelski nor Floyd teaches the functionality of a control structure. In amended claims 1, 37, and 53, the Applicants disclose several control structures comprising a parser control structure (pg.18, ln 19), QoS priority control structure (pg. 37, ln 3-4) and statistic control structure (pg. 43, ln 1). Modelski does disclose a system to track statistics, but does not disclose a method to modify or control the same. Floyd does not reference parser, priority, statistics, or quality/QoS

Claims 2, 4, 17, 19, 38, 40, 41, 2, 54, 56, 57, and 68 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable overModelski in view of Floyd, and further in view of Brown, *et al.* (Patent No. U.S. 6,347, 347 B1), hereinafter Brown.

Claims 5, 41, and 57 are rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Modelski in view of Floyd and further in view of Hirata (Patent No. 4,755,986).

Claims 12-16, 47-51, and 63-67 are rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Modelski in view of Floyd and further in view of Butler et al. (Patent No. 4,654,654), hereinafter Butler.

Claims 3, 6-11, 18, 39, 55, 42-46, and 58-62 are rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Modelski in view of Floyd and further in view of Jotwani (Patent No. 6,148,381), hereinafter Jotwani.

Claims 21 and 23 are rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Modelski in view of Brown.

Claims 22 and 25-31 are rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Modelski in view of Jotwani.

Claim 24 is rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Modelski in view of Hirata.

Claims 32-36 are rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Modelski in view of Butler.

Dependent Claims 2-19, 21-36, 38-52, and 54-68

Claims 2-19, 21-36, 38-52, and 54-68 are directly dependent on amended claims 1, 20, 37 or 53, respectively. Applicant respectfully asserts that claims 2-19, 21-36, 38-52, and 54-68 are allowable at least based on an allowable base claim.
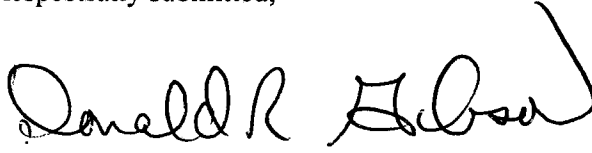
New Claims

New claims 69-71 are system and method claims dependent upon amended claims 1, 37 and 53, respectively. The claims are supported by the Applicant's specification pg. 27 ln 14-15. Modelski does not teach a mechanism such as a SCT for generating and controlling a lookup.

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CONCLUSION

Applicants believe that the application is in good and proper condition for allowance. Early notification of allowance is earnestly solicited.

Respectfully submitted,

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